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V.11 LS

Split your data stream among multiple users and receive high-speed data broadcasting.

FEATURES

- Supports up to eight high-speed receive-only devices at once.
- Gives you data-rate buffering capabilities up to 10 mbps, and at greater distances.
- Continuously broadcasts receive data, receive timing, and a control signal from the data source.
- Uses no software or data processors.
- Ideal for VSAT Data/Clock Broadcasting.
- Tandem DB15 connectors enable you to cascade without losing user ports.
- Compatible with V.35, RS-422/449, RS-530 and RS-485 equipment.
- 3-year warranty.

TL576A

OVERVIEW

The BLACK BOX® V.11 LS can bring high-speed data broadcasting to your network.

The V.11 LS is an excellent choice for your business if you're planning to implement real-time applications. More companies are going this route today, and the V.11 LS will help you stay competitive.

Designed for companies that need an increased level of speed in their receive-only applications, the hardware device delivers data-rate buffering capabilities up to 10 mbps and simultaneously supports up to eight receive-only terminals.

The V.11 interface is compatible with balanced interfaces for V.35, RS-422/449, RS-530, and RS-485.

Moreover, the V.11 LS can support data transmissions at far greater distances than RS-232 and is transparent to the data stream.

It's more reliable, too. The device's master port features tandem DB-15 connectors, which allow the V.11 LS to be cascaded without losing any subchannel ports. It continuously broadcasts Receive Data, Receive Timing, and Indicate control signals from the data source to the eight output terminal ports. It also has a high Mean Time Between Failure (MTBF) rate—over 100,000 hours. That's more than 11 years.

Operation is easy. Simply plug a male DB-15 cable into the female DB-15 input port on the back panel, then insert up to eight male DB-15 connectors into the 1 through 8 ports. Data, Clock, and Indicate are received on the master port and broadcast out simultaneously on the 1–8 ports.

To assist operation and diagnostics, the V.11 LS features four green LED indicators on its front panel. The Power indicator lights up when the AC voltage is applied to the box, and three adjacent LEDs illuminate when receiving data, clock and the user-defined control signal. You know the control signal is present when the Indicate LED glows.

Housed in a sturdy aluminum enclosure, the V.11 LS is supplied with an internal linear power supply. It also contains a 110/120 VAC rotary select switch at its rear. And the device can operate on standard power found in all countries.

Typical Application

The V.11 LS is an ideal when you have to continuously update public data displays or distribute continuous, noncritical data to multiple LANs, PCs, or receive-only printers. With a high MTBF rate, it's also the right choice for distributors and resellers who depend on a reliable data stream to keep their high-volume businesses running.

What's included

- ✦ V.11 LS data broadcasting unit.
- ✦ User manual.
- ✦ USA-grounded power cord, Part # 71305.

TECH SPECS

Application — Multiple synchronous broadcasting of Data, Clock, & Indicate
Compliance — UL® 1950, FCC Class A, CE for Europe approvals
MTBF — >100,000 hours
Data Format — Data transparent at all data rates
Data Rates — Up to 10 mbps
Maximum Altitude — Up to 10,000 ft. (3,048 m)
CE Approval — Yes
RoHS — Yes
Interface — ITU V.11 compliant, X.21
Connectors — Subchannel ports: (8) DB15 female; Master ports: (1) DB15 male, (1) DB15 female
Indicators — Front panel: Power, Data, Clock & Indicate
Temperature — Operating: 32 to 122°F (0 to 50°C)
Humidity — 5 to 95%, non-condensing (relative)
Power — 100–120 to 200–220 VAC, 50/60 Hz selectable
Size — 1.8"H x 17"W x 9"D (4.6 x 43.2 x 22.9 cm)
Weight — 4.5 lb. (2 kg)

Item	Code
V.11 LS	**TL576A**

You may also need…

DB15 Cable with EMI/RFI Protection, Male to Male	
6-ft (1.8-m)	**EGM15E-0006-MM**
10-ft. (3.0-m)	**EGM15E-0010-MM**
20-ft. (6.0-m)	**EGM15E-0020-MM**